

Cell-free BoDV preparation.

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 An abbreviated version of this protocol was published in Journal of Virology in Feb 2020
ADAR2 Is Involved in Self and Nonself Recognition of Borna Disease Virus Genomic RNA in the Nucleus
DOI: 10.1128/JVI.01513-19

Detailed protocol

Thank you for your interest in our research. The following are the details of the protocol you asked for.

1. Prepare BoDV-infected cells (OL or Vero) in 15-cm dish
2. Wash the cells with 10 mL of 20 mM HEPES buffer (pH 7.4) twice
3. Incubate the cells with 5 mL of 20 mM HEPES buffer (pH 7.4) containing 250 mM MgCl₂ and 1% FCS for 90 min at 37°C
4. Collect the culture supernatant
5. Centrifuge the culture supernatant at 3000 rpm for 5min at 4°C
6. Filter the supernatant through 0.22 µm membrane filters
7. Filtered solution should be stored at -80°C

How to cite: (Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Tomonaga, K. and Makino, A. (2021). Cell-free BoDV preparation.. Bio-protocol Preprint. bio-protocol.org/prep1212.
2. Yanai, M., Kojima, S., Sakai, M., Komorizono, R., Tomonaga, K. and Makino, A. (2020). ADAR2 Is Involved in Self and Nonself Recognition of Borna Disease Virus Genomic RNA in the Nucleus. Journal of Virology 94(6). DOI: [10.1128/JVI.01513-19](https://doi.org/10.1128/JVI.01513-19)

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